Product data sheet

Specifications



Ethernet fibre converter SM/LC 2CH - 100 MB

140NRP31201

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Modicon Quantum automation platform
Product or Component Type	Fibre converter
Optic fiber type	Single mode

Complementary

Bus current requirement	1000 mA
Power dissipation in W	5 W
Inrush current	1 A at 5 V DC
Number of Port	2 fiber optic LC 2 ETHERNET RJ45
Local signalling	1 LED green RDY module status 1 LED red ERR internal fault, module failure 1 LED green STS1 channel 1 link status 1 LED green FX1 ACT channel 1 communication status 1 LED green STS2 channel 2 link status 1 LED green FX2 ACT channel 2 communication status
Wavelength	0.000051575 in (1310 nm)
Optic distance between 2 transceivers	49212.6 ft (15000 m) 9/125 µm)-15…-8 dBm
Attenuation	-15…-8 dB 9/125 µm)
Rise/fall time	2.5 ns
Receiver Sensitivity	- 28 dBm
Detected silence	-45 dBm
Marking	CE
Material	PC (polycarbonate)
Width	1.59 in (40.34 mm)
Height	9.8 in (250 mm)
Depth	4.09 in (103.85 mm)
Product Weight	1.221 lb(US) (0.554 kg)

Environment

Ambient Air Temperature for Operation	32…140 °F (0…60 °C)
Ambient Air Temperature for Storage	-40…185 °F (-40…85 °C)
Relative humidity	0…95 %
Operating altitude	0...6561.68 ft (0...2000 m)

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Standards	UL 508 CSA C22.2 No 142 FM Class 1 Division 2
Product Certifications	TÜV Merchant Navy C-tick

Ordering and shipping details

Category	US1PC2118155
Discount Schedule	PC21
GTIN	3595864179254
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.4 in (16.3 cm)
Package 1 Width	1.8 in (4.5 cm)
Package 1 Length	12.3 in (31.2 cm)
Package weight(Lbs)	21.7 oz (614.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	11.8 in (30.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	9.475 lb(US) (4.298 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Longer

Lifetime extension

Repair	**No**

Use Again

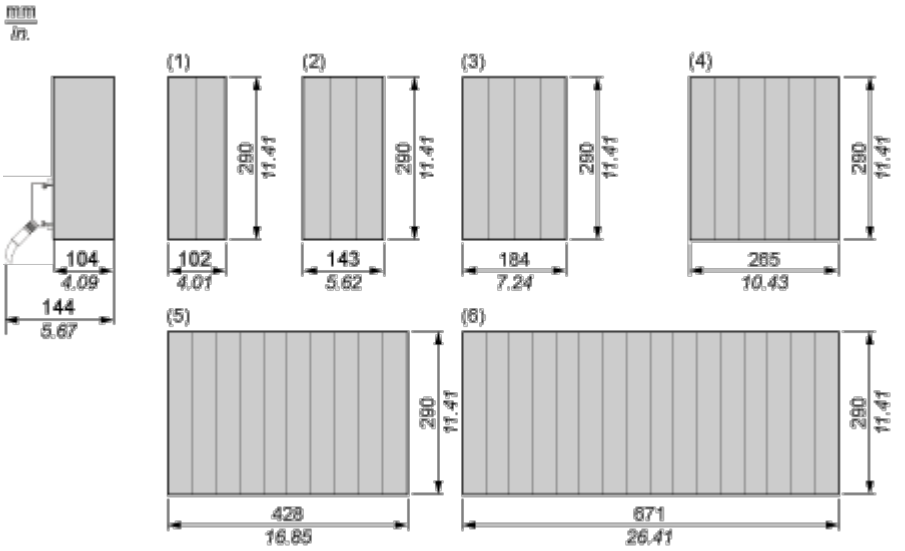
Repack and remanufacture

Circularity Profile	**End of Life Information**
Take-back	**No**

Dimensions Drawings

Racks for Modules Mounting

Dimensions of Modules and Racks



(1) 2 slots

(2) 3 slots

(3) 4 slots

(4) 6 slots

(5) 10 slots

(6) 16 slots